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A Partnership Between the Dioxin Receptor and a Basic Helix-Loop-Helix Protein: E. F. JOHNSON

Core Formation During Early Accretion of the Earth: H. E. NEWSOM and K. W. W. SIMS

Discrimination Between Intracellular Uptake and Surface Adhesion of Bacterial Pathogens: R. R. ISBERG

Synchronous Bursts of Action Potentials in Ganglion Cells of the Developing Mammalian Retina: M. MEISTER, R. O. L. WONG, D. A. BAYLOR, C. J. SHATZ

Samarium-Neodymium Direct Dating of Fluorite Mineralization: J. T. CHESLEY, A. N. HALLIDAY, R. C. SCRIVENER

A Calcium-Dependent Protein Kinase with a Regulatory Domain Similar to Calmodulin: J. F. HARPER, M. R. SUSSMAN, G. E. SCHALLER, C. PUTNAM-EVANS, H. CHARBONNEAU, A. C. HARMON
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1011 Naxmap and Company: H. SILVERMAN; other review by B. J. LITTLE
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1015 An Alternative to Associationism: W. TIMBERLAKE; other reviews by J. B. GLEASON, M. R. LEPPER

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Cover  Cover pages from three French popular works of (from left) 1903, 1860, and 1893. The illustrations are from La Science pour tous (reviewed on page 980), an account of French efforts to bring science to a popular audience in the period 1850 to 1914. Our expanded book review section also includes reviews on topics ranging from Darwin's illnesses to cold fusion, Halley's comet to urban archeology, and macromolecular thermodynamics to endangered ecosystems. For a complete listing, see page 977.